Sanjay K. Jain

List of Publications by Year
in descending order

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113 papers	5,739 citations	66343 42 h-index	82547 72 g-index
115 all docs	115 docs citations	115 times ranked	7169 citing authors

#	Article	IF	Citations
1	Protein and peptide delivery by chitosan systems. , 2022, , 211-228.		1
2	Environmental stimuli-sensitive chitosan nanocarriers in therapeutics. , 2022, , 189-209.		0
3	Liposomal Delivery System. Materials Horizons, 2022, , 109-134.	0.6	1
4	Opportunities in combinational chemo-immunotherapy for breast cancer using nanotechnology: an emerging landscape. Expert Opinion on Drug Delivery, 2022, 19, 247-268.	5.0	8
5	Determination of Oxaliplatin and Curcumin in Combination via Micellar HPLC and Its Method Validation. Journal of AOAC INTERNATIONAL, 2022, 105, 999-1007.	1.5	1
6	Mucoadhesive gastroretentive microparticulate system for programmed delivery of famotidine and clarithromycin. Journal of Microencapsulation, 2021, 38, 151-163.	2.8	8
7	Emerging potential of niosomes in ocular delivery. Expert Opinion on Drug Delivery, 2021, 18, 55-71.	5.0	41
8	Opportunities in ultrasonic drug delivery to tumor. , 2021, , 493-515.		1
9	Promising Antifungal Potential of Engineered Non-ionic Surfactant-Based Vesicles: In Vitro and In Vivo Studies. AAPS PharmSciTech, 2021, 22, 19.	3.3	10
10	Basics to advances in nanotherapy of colorectal cancer. Drug Delivery and Translational Research, 2020, 10, 319-338.	5.8	24
11	Liposomes for Advanced Drug Delivery. Advances in Material Research and Technology, 2020, , 317-338.	0.6	4
12	Engineered liposomes bearing camptothecin analogue for tumour targeting: inÂvitro and ex-vivo studies. Journal of Liposome Research, 2020, 31, 1-16.	3.3	10
13	Advances in liposomal drug delivery to cancer: An overview. Journal of Drug Delivery Science and Technology, 2020, 56, 101549.	3.0	113
14	Combination Cancer Therapy Using Multifunctional Liposomes. Critical Reviews in Therapeutic Drug Carrier Systems, 2020, 37, 105-134.	2.2	36
15	Curcumin Based Drug Delivery Systems for Cancer Therapy. Current Pharmaceutical Design, 2020, 26, 5430-5440.	1.9	6
16	Locust bean gum in drug delivery application. , 2019, , 203-222.		12
17	Folate Conjugated Double Liposomes Bearing Prednisolone and Methotrexate for Targeting Rheumatoid Arthritis. Pharmaceutical Research, 2019, 36, 123.	3.5	36
18	Systematic optimization of cationic surface engineered mucoadhesive vesicles employing Design of Experiment (DoE): A preclinical investigation. International Journal of Biological Macromolecules, 2019, 133, 1142-1155.	7.5	40

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19	Development of liposomes using formulation by design: Basics to recent advances. Chemistry and Physics of Lipids, 2019, 224, 104764.	3.2	45
20	Stimuli-responsive polysaccharides for colon-targeted drug delivery. , 2019, , 547-566.		12
21	Thiolated Polymers: Pharmaceutical Tool in Nasal Drug Delivery of Proteins and Peptides. International Journal of Peptide Research and Therapeutics, 2019, 25, 15-26.	1.9	19
22	Novel Strategies for Targeting Prostate Cancer. Current Drug Delivery, 2019, 16, 712-727.	1.6	19
23	Passive delivery of protein drugs through transdermal route. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 472-487.	2.8	54
24	Eudragit S100 coated microsponges for Colon targeting of prednisolone. Drug Development and Industrial Pharmacy, 2018, 44, 902-913.	2.0	35
25	Novel targeting approaches and signaling pathways of colorectal cancer: An insight. World Journal of Gastroenterology, 2018, 24, 4428-4435.	3.3	64
26	Stimuli-responsive Smart Liposomes in Cancer Targeting. Current Drug Targets, 2018, 19, 259-270.	2.1	55
27	Ultrasound-based triggered drug delivery to tumors. Drug Delivery and Translational Research, 2018, 8, 150-164.	5.8	82
28	Nanocarrier Based Advances in Drug Delivery to Tumor: An Overview. Current Drug Targets, 2018, 19, 1498-1518.	2.1	41
29	Exploitable Signaling Pathways for the Treatment of Inflammatory Bowel Disease. Current Signal Transduction Therapy, 2018, 12, 76-84.	0.5	4
30	Application Potential of Polymeric Nanoconstructs for Colon-Specific Drug Delivery. Advances in Medical Technologies and Clinical Practice Book Series, 2018, , 22-49.	0.3	7
31	Poly (amidoamine) dendrimer-mediated hybrid formulation for combination therapy of ramipril and hydrochlorothiazide. European Journal of Pharmaceutical Sciences, 2017, 96, 84-92.	4.0	27
32	Application Potential of Engineered Liposomes in Tumor Targeting. , 2017, , 171-191.		12
33	Microsponges: A Pioneering Tool for Biomedical Applications. Critical Reviews in Therapeutic Drug Carrier Systems, 2016, 33, 77-105.	2.2	26
34	Insight to drug delivery aspects for colorectal cancer. World Journal of Gastroenterology, 2016, 22, 582.	3.3	101
35	Topotecan Liposomes: A Visit from a Molecular to a Therapeutic Platform. Critical Reviews in Therapeutic Drug Carrier Systems, 2016, 33, 401-432.	2.2	23
36	Chondroitin sulphate: a focus on osteoarthritis. Glycoconjugate Journal, 2016, 33, 693-705.	2.7	132

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37	In vitro release kinetics model fitting of liposomes: An insight. Chemistry and Physics of Lipids, 2016, 201, 28-40.	3.2	203
38	Multipronged, strategic delivery of paclitaxel-topotecan using engineered liposomes to ovarian cancer. Drug Development and Industrial Pharmacy, 2016, 42, 136-149.	2.0	46
39	Polymeric nanocomposite: Development, characterization,ex vivoandin vivoevaluation for ulcerative colitis. International Journal of Polymeric Materials and Polymeric Biomaterials, 2016, 65, 337-350.	3.4	4
40	Optimization of chitosan nanoparticles for colon tumors using experimental design methodology. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1917-1926.	2.8	25
41	Development of liposomes entrapped in alginate beads for the treatment of colorectal cancer. International Journal of Biological Macromolecules, 2016, 82, 687-695.	7.5	43
42	Ligand-Appended BBB-Targeted Nanocarriers (LABTNs). Critical Reviews in Therapeutic Drug Carrier Systems, 2015, 32, 149-180.	2.2	38
43	l-Valine appended PLGA nanoparticles for oral insulin delivery. Acta Diabetologica, 2015, 52, 663-676.	2.5	40
44	Eudragit S100 Coated Citrus Pectin Nanoparticles for Colon Targeting of 5-Fluorouracil. Materials, 2015, 8, 832-849.	2.9	120
45	Dual Drug Delivery Using Lactic Acid Conjugated SLN for Effective Management of Neurocysticercosis. Pharmaceutical Research, 2015, 32, 3137-3148.	3.5	16
46	Targeting of AIDS related encephalopathy using phenylalanine anchored lipidic nanocarrier. Colloids and Surfaces B: Biointerfaces, 2015, 131, 155-161.	5.0	29
47	Pectinâ€“metronidazole prodrug bearing microspheres for colon targeting. Journal of Saudi Chemical Society, 2015, 19, 257-264.	5.2	34
48	Colon Targeted Liposomal Systems (CTLS): Theranostic Potential. Current Molecular Medicine, 2015, 15, 621-633.	1.3	26
49	An update on Ayurvedic herb Convolvulus pluricaulis Choisy. Asian Pacific Journal of Tropical Biomedicine, 2014, 4, 245-252.	1.2	59
50	Low Density Lipid Nanoparticles for Solid Tumor Targeting. Scientia Pharmaceutica, 2014, 82, 873-888.	2.0	5
51	Pharmacognostic and phytochemical evaluation of Dolichos biflorus Linn.. Asian Pacific Journal of Tropical Disease, 2014, 4, S97-S101.	0.5	3
52	Herbal antioxidant in clinical practice: A review. Asian Pacific Journal of Tropical Biomedicine, 2014, 4, 78-84.	1.2	90
53	Aceclofenac-loaded chondroitin sulfate conjugated SLNs for effective management of osteoarthritis. Journal of Drug Targeting, 2014, 22, 805-812.	4.4	35
54	Development and Validation of the HPLC Method for Simultaneous Estimation of Paclitaxel and Topotecan. Journal of Chromatographic Science, 2014, 52, 697-703.	1.4	23

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55	Targeting liver cancer via ASGP receptor using 5-FU-loaded surface-modified PLGA nanoparticles. Journal of Microencapsulation, 2014, 31, 479-487.	2.8	19
56	Macroscopial, anatomical and physico-chemical studies on fruits of Coccinia indica Wight & Arn. (Cucurbitaceae). Asian Pacific Journal of Tropical Disease, 2014, 4, S121-S128.	0.5	5
57	Plant profile, phytochemistry and pharmacology of Asparagus racemosus (Shatavari): A review. Asian Pacific Journal of Tropical Disease, 2013, 3, 242-251.	0.5	130
58	Peptide and Protein Delivery Using New Drug Delivery Systems. Critical Reviews in Therapeutic Drug Carrier Systems, 2013, 30, 293-329.	2.2	106
59	Phenylalanine-coupled solid lipid nanoparticles for brain tumor targeting. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	31
60	Pathophysiology of kidney, gallbladder and urinary stones treatment with herbal and allopathic medicine: A review. Asian Pacific Journal of Tropical Disease, 2013, 3, 496-504.	0.5	48
61	Dual drug delivery using â€œsmartâ€•liposomes for triggered release of anticancer agents. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	31
62	Formulation and optimization of temozolomide nanoparticles by 3 factor 2 level factorial design. Biomatter, 2013, 3, e25102.	2.6	25
63	Insulin delivery through nasal route using thiolated microspheres. Drug Delivery, 2013, 20, 210-215.	5.7	16
64	A New Horizon in Modifications of Chitosan: Syntheses and Applications. Critical Reviews in Therapeutic Drug Carrier Systems, 2013, 30, 91-181.	2.2	82
65	Chitosan: a potential polymer for colon-specific drug delivery system. Expert Opinion on Drug Delivery, 2012, 9, 713-729.	5.0	65
66	Concanavalin A conjugated biodegradable nanoparticles for oral insulin delivery. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	43
67	Development of surface-functionalised nanoparticles for FGF2 receptor-based solid tumour targeting. Journal of Microencapsulation, 2012, 29, 95-102.	2.8	15
68	Liposomes a Vesicular Nanocarrier: Potential Advancements in Cancer Chemotherapy. Critical Reviews in Therapeutic Drug Carrier Systems, 2012, 29, 355-419.	2.2	27
69	Development of Nanostructured Lipid Carrier as Potential Sun Protectant. Nanoscience and Nanotechnology - Asia, 2012, 2, 210-216.	0.7	3
70	Chondroitin sulfate functionalized liposomes for solid tumor targeting. Journal of Drug Targeting, 2011, 19, 251-257.	4.4	28
71	Mannosylated liposomes bearing Amphotericin B for effective management of visceral Leishmaniasis. Journal of Liposome Research, 2011, 21, 333-340.	3.3	32
72	Development and Characterization of Doxorubicin Bearing Vitamin B12 Coupled Sterically Stabilized Liposomes for Tumor Targeting. Current Nanoscience, 2011, 7, 427-435.	1.2	4

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73	Transferrin-appended PEGylated nanoparticles for temozolomide delivery to brain:in vitrocharacterisation. Journal of Microencapsulation, 2011, 28, 21-28.	2.8	55
74	Steroid-coupled liposomes for targeted delivery to tumor. Therapeutic Delivery, 2010, 1, 345-357.	2.2	4
75	Development and In Vitro Characterization of Galactosylated Low Molecular Weight Chitosan Nanoparticles Bearing Doxorubicin. AAPS PharmSciTech, 2010, 11, 686-697.	3.3	45
76	Transferrin-conjugated solid lipid nanoparticles for enhanced delivery of quinine dihydrochloride to the brain. Journal of Pharmacy and Pharmacology, 2010, 59, 935-940.	2.4	163
77	Design and development of ligand-appended polysaccharidic nanoparticles for the delivery of oxaliplatin in colorectal cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2010, 6, 179-190.	3.3	178
78	Solid lipid nanoparticles bearing oxybenzone:In-vitroandin-vivoevaluation. Journal of Microencapsulation, 2010, 27, 226-233.	2.8	31
79	Design and development of solid lipid nanoparticles for topical delivery of an anti-fungal agent. Drug Delivery, 2010, 17, 443-451.	5.7	83
80	Transferrin Coupled PEGylated Nanoparticles Bearing Temozolomide for Brain Delivery and Their Assessment for Fluorescence and Confocal Laser Scanning Microscopy. Journal of Advanced Microscopy Research, 2010, 5, 91-99.	0.3	1
81	Targeted delivery of an anti-cancer agent via steroid coupled liposomes. Drug Delivery, 2009, 16, 437-447.	5.7	24
82	Metronidazole loaded pectin microspheres for colon targeting. Journal of Pharmaceutical Sciences, 2009, 98, 4229-4236.	3.3	69
83	Influence of Rheology of Dispersion Media in the Preparation of Polymeric Microspheres through Emulsification Method. AAPS PharmSciTech, 2009, 10, 1295-1300.	3.3	10
84	Steroid Receptors as Molecular Targets for Cancer Diagnosis and Therapy. Critical Reviews in Therapeutic Drug Carrier Systems, 2009, 26, 207-273.	2.2	4
85	Drug Targeting Through Pilosebaceous Route. Current Drug Targets, 2009, 10, 950-967.	2.1	41
86	Mannosylated gelatin nanoparticles bearing an anti-HIV drug didanosine for site-specific delivery. Nanomedicine: Nanotechnology, Biology, and Medicine, 2008, 4, 41-48.	3.3	127
87	In vitro and cell uptake studies for targeting of ligand anchored nanoparticles for colon tumors. European Journal of Pharmaceutical Sciences, 2008, 35, 404-416.	4.0	149
88	Enhanced Transdermal Delivery of Acyclovir Sodium via Elastic Liposomes. Drug Delivery, 2008, 15, 141-147.	5.7	55
89	Development and characterization of 5-FU bearing ferritin appended solid lipid nanoparticles for tumour targeting. Journal of Microencapsulation, 2008, 25, 289-297.	2.8	57
90	Target-specific drug release to the colon. Expert Opinion on Drug Delivery, 2008, 5, 483-498.	5.0	43

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91	PEGylation: An Approach for Drug Delivery. A Review. Critical Reviews in Therapeutic Drug Carrier Systems, 2008, 25, 403-447.	2.2	157
92	Multivesicular Liposomes Bearing Celecoxib-Î²-Cyclodextrin Complex for Transdermal Delivery. Drug Delivery, 2007, 14, 327-335.	5.7	44
93	Potential of calcium pectinate beads for target specific drug release to colon. Journal of Drug Targeting, 2007, 15, 285-294.	4.4	53
94	Design and development of folate appended liposomes for enhanced delivery of 5-FU to tumor cells. Journal of Drug Targeting, 2007, 15, 231-240.	4.4	62
95	Sorbitan Ester Organogels for Transdermal Delivery of Sumatriptan. Drug Development and Industrial Pharmacy, 2007, 33, 617-625.	2.0	36
96	A novel vitamin B12-nanosphere conjugate carrier system for peroral delivery of insulin. Journal of Controlled Release, 2007, 117, 421-429.	9.9	200
97	Effective oral delivery of insulin in animal models using vitamin B12-coated dextran nanoparticles. Journal of Controlled Release, 2007, 122, 141-150.	9.9	229
98	Evaluation of microcrystalline cellulose prepared from sisal fibers as a tablet excipient: A technical note. AAPS PharmSciTech, 2007, 8, E56-E62.	3.3	52
99	Design and development of hydrogel beads for targeted drug delivery to the colon. AAPS PharmSciTech, 2007, 8, E34-E41.	3.3	60
100	Perspectives of biodegradable natural polysaccharides for site-specific drug delivery to the colon. Journal of Pharmacy and Pharmaceutical Sciences, 2007, 10, 86-128.	2.1	142
101	Brain-Specific Delivery of Rifampin from Lactyl Stearate-Coupled Liposomes via Monocarboxylic Acid Transporters. American Journal of Drug Delivery, 2006, 4, 43-49.	0.6	6
102	Cross-linked guar gum microspheres: A viable approach for improved delivery of anticancer drugs for the treatment of colorectal cancer. AAPS PharmSciTech, 2006, 7, 74.	3.3	107
103	Azo Chemistry and Its Potential for Colonic Delivery. Critical Reviews in Therapeutic Drug Carrier Systems, 2006, 23, 349-400.	2.2	71
104	Design and development of multivesicular liposomal depot delivery system for controlled systemic delivery of acyclovir sodium. AAPS PharmSciTech, 2005, 6, E35-E41.	3.3	54
105	Solubility enhancement of celecoxib using Î²-cyclodextrin inclusion complexes. European Journal of Pharmaceutics and Biopharmaceutics, 2004, 57, 263-267.	4.3	145
106	Dendrimer-mediated transdermal delivery: enhanced bioavailability of indomethacin. Journal of Controlled Release, 2003, 90, 335-343.	9.9	318
107	Self-Assembled Carbohydrate-Stabilized Ceramic Nanoparticles for the Parenteral Delivery of Insulin. Drug Development and Industrial Pharmacy, 2000, 26, 459-463.	2.0	85
108	Brain Drug Delivery System Bearing Dopamine Hydrochloride for Effective Management of Parkinsonism. Drug Development and Industrial Pharmacy, 1998, 24, 671-675.	2.0	23

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109	Insulin Delivery Through the Ocular Route. Drug Delivery, 1998, 5, 53-55.	5.7	13
110	Pulsatile Insulin Delivery Through the Ocular Route. Drug Delivery, 1998, 5, 47-51.	5.7	9
111	Development of a Liposome Based Contraceptive System for Intravaginal Administration of Progesterone. Drug Development and Industrial Pharmacy, 1997, 23, 827-830.	2.0	25
112	Magnetically Guided Rat Erythrocytes Bearing Isoniazid: Preparation, Characterization, and Evaluation. Drug Development and Industrial Pharmacy, 1997, 23, 999-1006.	2.0	19
113	Transfollicular drug delivery: current perspectives. Research and Reports in Transdermal Drug Delivery, 0, , 1.	0.0	12